

**Table 10 (page 1 of 2). Infant, neonatal, postneonatal, fetal, and perinatal mortality rates, by detailed race and Hispanic origin of mother: United States, selected years 1983–2013**

Updated data when available, Excel, PDF, and more data years: <http://www.cdc.gov/nchs/hus/contents2015.htm#010>.

[Data are based on linked birth and death certificates for infants and fetal death records]

Maternal race and Hispanic origin	1983 <sup>1</sup>	1985 <sup>1</sup>	1990 <sup>1</sup>	1995 <sup>2</sup>	2000 <sup>2</sup>	2005 <sup>2</sup>	2010 <sup>2</sup>	2012 <sup>2</sup>	2013 <sup>2</sup>
Infant <sup>3</sup> deaths per 1,000 live births									
All mothers . . . . .	10.9	10.4	8.9	7.6	6.9	6.9	6.1	6.0	6.0
White . . . . .	9.3	8.9	7.3	6.3	5.7	5.7	5.2	5.1	5.1
Black or African American . . . . .	19.2	18.6	16.9	14.6	13.5	13.3	11.2	10.9	10.8
American Indian or Alaska Native . . . . .	15.2	13.1	13.1	9.0	8.3	8.1	8.3	8.4	7.6
Asian or Pacific Islander <sup>4</sup> . . . . .	8.3	7.8	6.6	5.3	4.9	4.9	4.3	4.1	4.1
Hispanic or Latina <sup>5,6</sup> . . . . .	9.5	8.8	7.5	6.3	5.6	5.6	5.3	5.1	5.0
Mexican . . . . .	9.1	8.5	7.2	6.0	5.4	5.5	5.1	5.0	4.9
Puerto Rican . . . . .	12.9	11.2	9.9	8.9	8.2	8.3	7.1	6.9	5.9
Cuban . . . . .	7.5	8.5	7.2	5.3	4.6	4.4	3.8	5.0	3.0
Central and South American . . . . .	8.5	8.0	6.8	5.5	4.6	4.7	4.4	4.1	4.3
Other and unknown Hispanic or Latina . . . . .	10.6	9.5	8.0	7.4	6.9	6.4	6.1	5.6	5.9
Not Hispanic or Latina: <sup>6</sup>									
White . . . . .	9.2	8.6	7.2	6.3	5.7	5.8	5.2	5.0	5.1
Black or African American . . . . .	19.1	18.3	16.9	14.7	13.6	13.6	11.5	11.2	11.1
Neonatal <sup>3</sup> deaths per 1,000 live births									
All mothers . . . . .	7.1	6.8	5.7	4.9	4.6	4.5	4.0	4.0	4.0
White . . . . .	6.1	5.8	4.6	4.1	3.8	3.8	3.5	3.4	3.4
Black or African American . . . . .	12.5	12.3	11.1	9.6	9.1	8.9	7.3	7.3	7.3
American Indian or Alaska Native . . . . .	7.5	6.1	6.1	4.0	4.4	4.0	4.3	4.9	4.1
Asian or Pacific Islander <sup>4</sup> . . . . .	5.2	4.8	3.9	3.4	3.4	3.4	3.0	2.9	3.0
Hispanic or Latina <sup>5,6</sup> . . . . .	6.2	5.7	4.8	4.1	3.8	3.9	3.6	3.6	3.6
Mexican . . . . .	5.9	5.4	4.5	3.9	3.6	3.8	3.5	3.6	3.5
Puerto Rican . . . . .	8.7	7.6	6.9	6.1	5.8	5.9	4.8	4.9	4.2
Cuban . . . . .	*5.0	6.2	5.3	*3.6	*3.2	*3.1	*2.9	3.9	*2.3
Central and South American . . . . .	5.8	5.6	4.4	3.7	3.3	3.2	3.0	2.9	3.1
Other and unknown Hispanic or Latina . . . . .	6.4	5.6	5.0	4.8	4.6	4.3	4.0	3.7	4.0
Not Hispanic or Latina: <sup>6</sup>									
White . . . . .	5.9	5.6	4.5	4.0	3.8	3.7	3.4	3.3	3.3
Black or African American . . . . .	12.0	11.9	11.0	9.6	9.2	9.1	7.5	7.5	7.5
Postneonatal <sup>3</sup> deaths per 1,000 live births									
All mothers . . . . .	3.8	3.6	3.2	2.6	2.3	2.3	2.1	2.0	1.9
White . . . . .	3.2	3.1	2.7	2.2	1.9	2.0	1.8	1.7	1.6
Black or African American . . . . .	6.7	6.3	5.9	5.0	4.3	4.3	3.9	3.6	3.5
American Indian or Alaska Native . . . . .	7.7	7.0	7.0	5.1	3.9	4.0	4.0	3.5	3.5
Asian or Pacific Islander <sup>4</sup> . . . . .	3.1	2.9	2.7	1.9	1.4	1.5	1.3	1.2	1.1
Hispanic or Latina <sup>5,6</sup> . . . . .	3.3	3.2	2.7	2.1	1.8	1.8	1.7	1.5	1.5
Mexican . . . . .	3.2	3.2	2.7	2.1	1.8	1.7	1.6	1.5	1.4
Puerto Rican . . . . .	4.2	3.5	3.0	2.8	2.4	2.4	2.3	2.0	1.7
Cuban . . . . .	*2.5	*2.3	*1.9	*1.7	*	*1.4	*	*	*
Central and South American . . . . .	2.6	2.4	2.4	1.9	1.4	1.5	1.4	1.3	1.2
Other and unknown Hispanic or Latina . . . . .	4.2	3.9	3.0	2.6	2.3	2.1	2.1	1.9	1.9
Not Hispanic or Latina: <sup>6</sup>									
White . . . . .	3.2	3.0	2.7	2.2	1.9	2.1	1.8	1.7	1.7
Black or African American . . . . .	7.0	6.4	5.9	5.0	4.4	4.5	4.0	3.7	3.7

See footnotes at end of table.

**Table 10 (page 2 of 2). Infant, neonatal, postneonatal, fetal, and perinatal mortality rates, by detailed race and Hispanic origin of mother: United States, selected years 1983–2013**

Updated data when available, Excel, PDF, and more data years: <http://www.cdc.gov/nchs/hus/contents2015.htm#010>.

[Data are based on linked birth and death certificates for infants and fetal death records]

Maternal race and Hispanic origin	1983	1985	1990	1995	2000 <sup>7</sup>	2005	2010	2012	2013
Fetal <sup>8</sup> deaths per 1,000 live births plus fetal deaths									
All mothers . . . . .	---	---	---	7.0	6.6	6.2	6.0	6.1	6.0
Hispanic or Latina <sup>5</sup> . . . . .	---	---	---	---	5.8	5.4	5.2	5.3	5.2
Not Hispanic or Latina:									
White . . . . .	---	---	---	---	5.3	4.8	4.8	4.9	4.9
Black or African American . . . . .	---	---	---	---	12.0	11.1	10.8	10.7	10.5
Late fetal <sup>9</sup> deaths per 1,000 live births plus late fetal deaths									
All mothers . . . . .	---	---	---	3.6	3.3	3.0	3.0	3.0	3.0
Hispanic or Latina <sup>5</sup> . . . . .	---	---	---	---	3.1	2.8	2.6	2.6	2.7
Not Hispanic or Latina:									
White . . . . .	---	---	---	---	2.8	2.4	2.5	2.6	2.6
Black or African American . . . . .	---	---	---	---	5.2	4.8	4.7	4.7	4.7
Perinatal <sup>10</sup> deaths per 1,000 live births plus late fetal deaths									
All mothers . . . . .	---	---	---	7.6	7.0	6.6	6.2	6.2	6.2
Hispanic or Latina <sup>5</sup> . . . . .	---	---	---	---	6.1	5.9	5.5	5.6	5.6
Not Hispanic or Latina:									
White . . . . .	---	---	---	---	5.7	5.4	5.1	5.2	5.3
Black or African American . . . . .	---	---	---	---	12.6	12.2	10.6	10.8	10.7

\* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 deaths in the numerator. Rates not shown are based on fewer than 20 deaths in the numerator.

--- Data not available.

<sup>1</sup>Rates based on unweighted birth cohort data.

<sup>2</sup>Rates based on a period file using weighted data. See Appendix I, National Vital Statistics System (NVSS), Linked Birth/Infant Death Data Set.

<sup>3</sup>Infant (under 1 year of age), neonatal (under 28 days), and postneonatal (28 days–11 months).

<sup>4</sup>Estimates are not available for Asian or Pacific Islander subgroups because not all states have adopted the 2003 revision of the U.S. Standard Certificate of Live Birth. See Appendix II, Race.

<sup>5</sup>Persons of Hispanic origin may be of any race.

<sup>6</sup>Prior to 1995, data are shown only for states with an Hispanic-origin item on their birth certificates. See Appendix II, Hispanic origin.

<sup>7</sup>Rates for 1999–2004 (shown in spreadsheet version) exclude data from Oklahoma, which did not report Hispanic origin on the fetal death report in those years.

<sup>8</sup>Number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths.

<sup>9</sup>Number of fetal deaths of 28 weeks or more gestation (late fetal deaths) per 1,000 live births plus late fetal deaths.

<sup>10</sup>Number of late fetal deaths plus infant deaths within 7 days of birth per 1,000 live births plus late fetal deaths.

NOTES: The race groups, white, black, American Indian or Alaska Native, and Asian or Pacific Islander include persons of Hispanic and non-Hispanic origin. Starting with 2003 data, some states reported multiple-race data. The multiple-race data for these states were bridged to the single-race categories of the 1977 Office of Management and Budget standards, for comparability with other states. See Appendix II, Race. National linked files do not exist for 1992–1994. Data for additional years are available. See the Excel spreadsheet on the *Health, United States* website at: <http://www.cdc.gov/nchs/hus.htm>.

SOURCE: CDC/NCHS, National Vital Statistics System, public-use Linked Birth/Infant Death Data Set, public-use Fetal Death File, public-use Birth File. National Center for Health Statistics. Mathews TJ, MacDorman MF, Thoma ME. Infant mortality statistics from the 2013 period linked birth/infant death data set. National vital statistics reports; vol 64 no 9. Hyattsville, MD: NCHS. 2015 Available from: [http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64\\_09.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_09.pdf) and MacDorman MF, Gregory ECW. Fetal and perinatal mortality: United States, 2013. National vital statistics reports; vol 64 no 8. Hyattsville, MD: NCHS; 2015. Available from: [http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64\\_08.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_08.pdf). See Appendix I, National Vital Statistics System (NVSS).